



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

500-302051-001
Job Sheet 211484



Part No: 500-302051-001

Job Qty: 1 ea

Part Name: Pin, Strut Mount



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 7/17/20

Job Tracking No:

Created By: Marie Lajeunesse

Due Date: 8/3/20

Type: SOLD

Description:

Note: 500-302051 REV IR IPP REV:A NEW ISSUE 20-06-09 JLM VERIFIED BY:DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	SL-154 - 1	1 pcs	7/27/20		0.50	0.33	Doosan - 1		JB 20-09-02
							NLX 2500SY - 1		
							SL-154 - 1		
							SL-2500Y - 1		
110	QC 2	1 pcs	7/27/20		0.00	0.00	QC 2 - 1		JB 20-09-02
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		
							QC 2 - 8		



Container No: S298252



Part: 500-302051-001

Job No: 211484

Serial No/Batch: S298252

Revision: REV IR

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 09/02/20

Plex 7/17/20 12:36 PM Dart.lajeunesse.marie

					QC 2 - 66	
					QC 2 - 64	
					QC 2 - 65	
					QC 2 - 5	
					QC 2 - 71	
					QC 2 - 73	
					QC 2 - 69	
					QC 2 - 76	
					QC 2 - 86	
					QC 2 - 83	
120 QC 8	1 pcs	7/27/20	0.00 0.00		QC 8 - 12	
					QC 8 - 14	
					QC 8 - 17	
					QC 8 - 20	
					QC 8 - 25	
					QC 8 - 3	
					QC 8 - 32	
					QC 8 - 33	
					QC 8 - 35	
					QC 8 - 39	
					QC 8 - 4	
					QC 8 - 44	
					QC 8 - 45	
					QC 8 - 49	
					QC 8 - 58	
					QC 8 - 8	
					QC 8 - 9	
					QC 8 - 68	
					QC 8 - 67	
					QC 8 - 1 (A)	
					QC 8 - 47	
					QC 8 - 40	
					QC 8 - 52	
					QC 8 - 23	
					QC 8 - 57	
					QC 8 - 76	
					QC 8 - 61	
					QC 8 - 66	
					QC 8 - 73	
					QC 8 - 82	
130 Outsource - 6 - Polish	1 pcs	8/3/20			GRO002-VC	5
135 Packaging 2-1 - Receive - B4B	1 pcs	8/3/20	0.00 0.00		Packaging 2 - 1 - B4B	
					Packaging 2 - 2 - B4B	
					Packaging 2 - 3 - B4B	
					Packaging 2 - 5 - B4B	
					Packaging 2 - 4 - B4B	
					Packaging 2 - 6 - B4B	
					Packaging 2 - 7 - B4B	
					Packaging 2 - 8 - B4B	
					Packaging 2 - 9 - B4B	
					Packaging 2 - 10 - B4B	
					Packaging 2 - 11 - B4B	
					Packaging 2 - 12 - B4B	
					Packaging 2 - 13 - B4B	
					Packaging 2 - 14 - B4B	
					Packaging 2 - 15 - B4B	
					Packaging 2 - 16 - B4B	
					Packaging 2 - 17 - B4B	
					Packaging 2 - 18 - B4B	

20/09/03

Home 01-09

SEP 14 2020

				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
				Packaging 2 - 36 - B4B	
				Packaging 2 - 37 - B4B	
140 QC 6	1 pcs	8/3/20	0.00 0.00	QC 6 - 9	
				QC 6 - 68	
				QC 6 - 61	
				QC 6 - 40	
				QC 6 - 81	
				QC 6 - 82	
150 Packaging 3-1 - Stock - B4B	1 pcs	8/3/20	0.00 0.00	Packaging 3 - 1 - B4B	
				Packaging 3 - 2 - B4B	
				Packaging 3 - 3 - B4B	
				Packaging 3 - 4 - B4B	
				Packaging 3 - 5 - B4B	
				Packaging 3 - 6 - B4B	
				Packaging 3 - 7 - B4B	
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	

DAS
82
9-89

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				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	DAS
				Packaging 3 - 37 - B4B	21
160 QC21-SA	1 Ea	8/3/20	0.00 0.00	QC 21 - SA - 21	9-89 SEP 17 2020

Part Op 100 - Verify material spec with QC Turn as per dwg 500-302051 1-Machine as per folio FD308 FOLIO REV:
 Descriptions: AA DWG REV: 7R 2-Deburr
 110 - QC2- Inspect parts off machine FAI/FAIB
 120 - QC8- Inspect parts - second check
 130 - ISSUE PO: 47048 Electropolish as per ASTM B912 Material: AISI 17-4PH H1150 -Certificate of
 Conformity is required
 135 - Receive & Inspect for Damage & Mat'l Certs
 140 - QC6- All purchased or subcontracted products
 150 - Identify as per dwg & Stock
 160 - QC21- Final Inspection - Work Order Release

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
M17-4-H1150-R0.625	17-4 SS Round Bar H1150 0.625" dia.	.2400 ft (.24 ea)	100-SL-154 - 1	S298101

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-SL-154 - 1	M17-4-H1150-R0.625	0	11	0

Part Specifications	
Specifications could not be found.	

Plex 7/17/20 12:36 PM Dart.lajeunesse.marie

PROPRIETARY AND CONFIDENTIAL
THIS DOCUMENT CONTAINS PROPRIETARY AND
CONFIDENTIAL INFORMATION THAT IS THE SOLE
PROPERTY OF SIMPLEX MANUFACTURING CO.
ANY DISCLOSURE IN PART OR AS A WHOLE TO
ANY UNAUTHORIZED PERSON IS SPECIFICALLY
PROHIBITED.

NEXT ASSEMBLY
500-302000-301

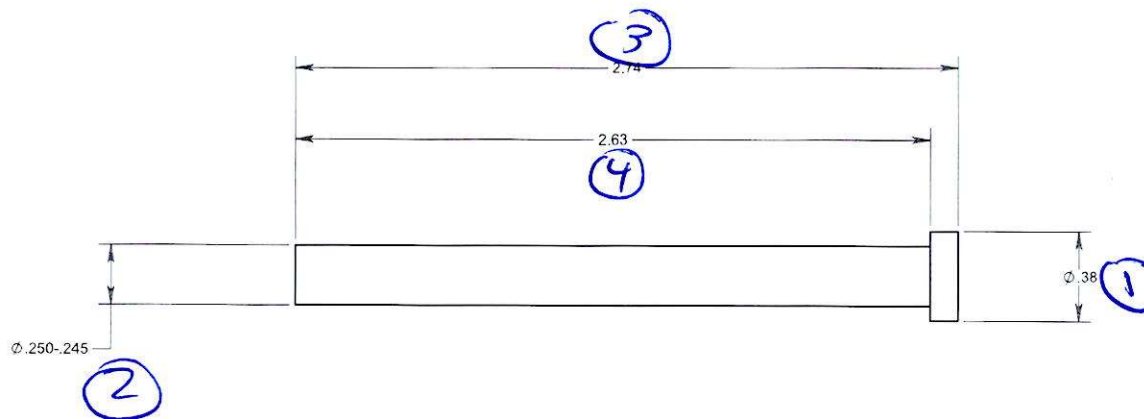
PROJECT
500 VARIOUS

REVISIONS

REV. DESCRIPTION REV BY DATE APPV

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

NO. 211484 MW
2007-17



500-302051-001,
PIN, STRUT MOUNT

NOTE:

1. HEAT TREAT TO CONDITION H1150 IAW AMS2759/2 (circled 7)
MINIMUM HARDNESS HB 277-352 (HRC 28-37).
NO ADDITIONAL TENSILE TESTS REQUIRED IF THE MATERIAL
CERTIFICATION QUALIFIES THROUGH TEST THAT THE MATERIAL
CAPABILITY MEETS THE MINIMUM PERFORMANCE REQUIREMENTS
PER AMS 5604/5643 AT THE H900 CONDITION.

- DO NOT SCALE DRAWING - UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES REMOVE ALL BURRS & BREAK SHARP EDGES		SIGNATURE D KRUTHOFF		DATE 8/1/13	 13340 N.E. Whitaker Way Portland, Oregon 97230 Ph. 503.257.3511
TOLERANCES		D WRIGHT		DATE 2/12/14	
MACHINE FINISH 63	DIMENSIONS X.X ± .1 X.XXX ± .01 X.XXX ± .005	PROJECTION	PRODUCTION CONTROL J RODRIGUEZ	DATE 2/11/14	TITLE PIN, STRUT MOUNT
ANGLES X ± 1° X.X ± .5°	MATERIAL AISI 17-4PH, H1150, PER AMS 5643 (circled 5)	ENGINEER APPROVAL D CORNELIUS	DATE 2/12/14	ESTIMATED WEIGHT 0.005 Lbs	DRAWING NO. 500-302051
FINISH ELECTROPOLISH PER ASTM B912 (circled 6)	DRAWING FILE NAME 500-302051		SCALE 1:1	MODEL FILE NAME 500-302051	REV IR

SHEET 1 OF 1

DART AEROSPACE LTD

Work Order:

21484

Description: PIN, STRUT MOUNT

Part Number:

500-302051-001

Inspection Dwg: 500-302051

Rev: IR

Page 1 of 1

INSPECTION SHEET

[illegible]**Measured by:**

TR

9-89

Checked by:

9

QC Inspector:

9-89

Date:

20.09.02

Date:

20/09/03

Date:

SEP 17 2020

Engineering Approval:
(If necessary)

Date:

Rev	Date	Change	Revised by	Approved
A	2-Sep-20	New Issue	MG	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB047048



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB047048
PO Date: 9/9/20
Due Date: 9/16/20
Purchase Order
Revision:
Revision Date:
Issued By: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground
Pymt Terms: Net 60
Freight Terms:
Special Comments:

EMAILED
2020-09-09

Items												
Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	211484	500-302051-001	500-302051 REV IR	Pin, Strut Mount ISSUE PO: _____ Electropolish as per ASTM B912 Material: AISI 17-4PH H1150 -Certificate of Conformity is required	Firmed - X3		9/16/20	3 pcs	0 pcs	3 pcs	\$50.00/pcs	\$150.00
Grand Total:												\$150.00

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Please ensure to send the related invoice to hby_ap@dartaero.com.

Handwritten signature: Guerin

Plex 9/9/20 11:52 AM Dart.Guerin.Kimberley


Certificat de Conformité / Certificate of Compliance


2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip
030838 - 1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.					
11-Sep-2020		Ian Wilson		POHB047048					
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir / Back Order	
1	500-302051-001 Rev.IR	500-302051-001 01 -ELECTROPOLISHING [ELECTROPOLISHING] AS PER ASTM B912 Material AISI 17-4PH H1150	ELECTROPOLISH CH	3	3	0	0	0	

RECEIVED
SEP 14 2020
DART AEROSPACE LTD.

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness
Inspecteur Qualité
Quality Inspector
Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB046867



Supplier: MUR001-VU
Murphy & Nolan Inc
55 Industrial Park Circle
Rochester, NY 14624 USA
Phone: 585-426-1420

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB046867

PO Date: 8/10/20

Due Date: 8/31/20

**Purchase Order
Revision:**

Revision Date:

Issued By: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Fedex Economy

Pynt Terms: Net 30

Freight Terms: Collect

Special Comments: Quote 551854

E-MAILED
2020-08-10

Items

Line Item	Job	Part	Drawing	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1		M17-4 H1150- R0.625			17-4 SS Round Bar H1150 0.625" dia. : MATERIAL: 17-4 PH CONDITION H1150 MATERIAL: 17-4 PH / S 17400 / TYPE 630 SS ROUND BAR GRAIN MUST BE ALONG LENGTH OF BAR MINIMUM YIELD STRENGTH PER TABLE MINIMUM ULTIMATE STRENGTH PER TABLE SPECIFICATION: AMS 5643 OR ASTM A564 ***MUST BE TO AMS 2759/3 HEAT TREAT SPEC *** H1150 MIN. YIELD TENSILE 105 KSI / MIN. ULTIMATE TENSILE 135 KSI receive ft	Firmed x3		8/31/20	3 ft	0 ft	3 ft	\$175.00/ft	\$525.00

SEP 02 2020

SCHMOLZ + BICKENBACH Providing special steel solutions				No. Production Order		Purchaser Murphy & Nolan Order No.		Customer PO: 210532-17 Delivery Note /Item /Of		Mill Cert.: 82039434-1 Inspection certificate 3.1 Acc. to EN 10204			
Ship to: Murphy & Nolan 3060 William St. Cheektowaga 14227 NY		Customer Standard: Industry Standard:		UNS S17400, AISI 630, EN 10088-3 1.4542		ASTM A564-13 Condition A, ASTM F899-12, ASTM A484-14		AMS 5643T		No. 3000633489 /0002 From: 02/10/2017			
		Dimension A 0.6250 inch		Dimension B 0.0000 inch		Dimension C 144.0000 inch		Material No. 2068684		Shaila J. Di Nicola Quality Manager			
Chemical composition in %													
Heat-No.	C	Si	Mn	P	S	Cr	Ni	Mo	Cu	Nb			
639612	0,021	0,339	0,806	0,021	0,020	15,287	4,483	0,037	3,131	0,166			
Mechanical Properties										Magnetic Test		Additional Test	
Product / Steel making Process				Hardness		Tension Test				Impact Test			
Product: 630(17-4) UGIMA round - Solut.Treat., Cold Drawn-SMQ				Standard: ASTM A370		Standard: ASTM A370 Temperature: 7 1 - 75				Temperature:			
Weight of Delivery	Job Information			HB	HRC	T	02Y	E4D	RA	Referen Hardnes HRC	Avg.		
LB	Job No.: Detail No.: Part No.: 113980					KSI	KSI	%	%				
612				349	33	167	158	18	62				
Additional Testing													
Capability Testing H900						Capability Testing H1075					Ferrite ASTM 2315		
CAPTE	CAPYL	CAPEL	CAPRA	CAPHB		CAPTE	CAPYL	CAPEL	CAPRA	CAPHB	FERR		
197	172	15	58	420		170	130	16	61	354	<5		
DAS 82 9-89													
Country of manufacture: Italy Country of melt: France Macrostructure per ASTM E381: Pass						Material is free from mercury and radioactive contamination, welds or weld repairs at the time of shipment. DFARS 252.225-7009/7014 Compliant. Conforms to RoHS Directive 2002/95/EC and RoHS 2 2011/65/EC. Article contains no SVHC (REACH EC 1907/2006) The product supplied does not contain any Conflict Minerals as defined in Section 1502 of the "Dodd-Frank Wall Street Reform and Consumer Protection Act", and is 'Lead Free' in accordance with the Lead Free Law We certify that the material described has been tested complies with the terms of the order and test results are in accordance with the terms of the delivery agreed.							

IMR TEST LABS

A Curtiss-Wright Business Unit
www.imrtest.com

131 Woodsedge Drive

Lansing, NY 14882

T: 1.607.533.7000 | F: 1.607.533.9210

TEST REPORT

IMR Report Number 202011072

August 21, 2020

SUMMARY

Ray Tebo
Consolidated Precision
Products - Oriskany
100 Furnace Street
Oriskany, NY 13424

One sample was received for tensile testing.

The sample **meets** the tensile requirements of AMS 2759/3 Rev. J for a 17-4PH, condition H1150, precipitation-hardening, corrosion-resistant steel (form B, F, T, Bi, SSP and C).

The sample **meets** the tensile requirements as supplied by Consolidated Precision Products - Oriskany.

PO Number
TST12111JL

The results are below.

Date Received
August 17, 2020

TENSILE PROPERTIES - ROOM TEMPERATURE

Material
17-4PH

Condition
H1150

Specification(s)
AMS 2759/3 Rev. J
Customer Supplied Limits

	Tensile Strength (ksi)	Yield Strength (ksi)	Elongation (%)	Reduction of Area (%)
Sample	155	147	18	63
AMS 2759/3 Rev. J (B, F, T, Bi, SSP)	135 Min.	---	---	---
AMS 2759/3 Rev. J (C)	125 Min.	---	---	---
Customer Supplied Limits	135 Min.	105 Min.	---	---

The sample was machined to a diameter of 0.35 inches; gauge length was 1.40 inches. Yield strength was determined by the 0.2% offset method. Crosshead speed was 0.005 in./in./min. to yield and 0.4 in./min. to fracture. Method(s): ASTM E 8-16a



Reviewed by

Lisa M Wackowicz

Lisa Wackowicz
Technical Operations Coordinator

Reviewed by

Robert Southworth

Bob Southworth
Senior Mechanical Technician

All procedures were performed in accordance with the IMR Quality Manual, current revision, and related procedures; and the PWA MCL Manual F-23 and related procedures. The information contained in this test report represents only the material tested and may not be reproduced, except in full, without the written approval of IMR Test Labs ("IMR"). IMR maintains a quality system in compliance with the ISO/IEC 17025 and is accredited by A2LA, certificates #1140.01 and #1140.02. IMR will perform all testing in good faith using the proper procedures, trained personnel, and equipment to accomplish the testing required. Conformance will be based on results without measurement uncertainty applied, unless otherwise requested by the customer. IMR's liability to the customer or any third party is limited at all times to the amount charged for the services provided. All test samples will be retained for a minimum of 3 months and may be destroyed thereafter, unless otherwise specified by the customer. The recording of false, fictitious, or fraudulent statements or entries on this document may be punished as a felony under federal statutes. IMR Test Labs is a GEAE S-400 approved lab (Supplier Code 69905).

Consolidated Precision Products - Oriskany



Service in Metals Since 1953

55 Ind. Park Cir.
Rochester, NY 14624-2493
585-426-1420

Certificate of Compliance

Customer			
DART AEROSPACE			
1270 ABERDEEN ST			
HAWKESBURY, ON K6A1K7			
Customer PO	Customer P/N	M&N Invoice #	Heat / Lot Number
POHB046867		769286-20	639612
Quantity	3'		
Unit of Measure	FOOT		
Material Grade	17-4 PH PER AMS 5643 COLD FINISHED		
Shape	ROUND BAR		
Size	0.6250		

Mill size (if different from supplied size)

Part / bar length

Condition

Specification/Revision

Country of Origin

Additional Notes

DAS
82
9-89

Jonathan Courtner (Approved M&N Operator) hereby certifies that material provided against this document complies with purchasers order requirements, unless otherwise noted, and is traceable to manufacturers heat/lot from shipment by manufacturer through delivery to purchaser. Verification of this statement is performed per Murphy and Nolan QMS procedures, certified to AS 9100D.

Sign

Date

8-31-20

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: <u>211484</u> Part No. <u>500-302051-001</u>	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐						
Date : <u>SEP 14 2020</u>	Sequence #: <u>QC 6</u>	QTY Affected : <u>3 OF 3</u>		MRB (QS1042) DAS <u>51</u> <u>SM</u> <u>9-89</u> <u>20/09/15</u>				
Description Work Order Deviation DURING INSPECTION IT WAS FOUND THAT SURFACE FINISH IS NOT ACCEPTABLE, IT HAS SCRATCHES AND DISCOLORATION. <u>POHB 04 7048</u> <u>ALTECH</u>		Disposition <u>Scrap Parts Reason Finish is not acceptable.</u> <u>See Attached email.</u>		Completed By DAS <u>32</u> <u>9-89</u> <u>SEP 14 2020</u>				
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☒ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐ <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; vertical-align: top;"> ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled </td> <td style="width:50%; vertical-align: top;"> ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function </td> </tr> </table>		☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled	☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function	FAULT CATEGORY <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:33%; vertical-align: top;"> ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up </td> <td style="width:33%; vertical-align: top;"> ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☒ Finish ☐ Part Lost/Missing ☐ Misread </td> </tr> </table>			☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up	☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☒ Finish ☐ Part Lost/Missing ☐ Misread
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Other/Details: _____								

Steven Drouin

From: Nicholas Whitaker
Sent: Monday, September 14, 2020 4:19 PM
To: Steven Drouin
Cc: Rudy Ortega
Subject: RE: Pin, struct Mount 500-302051-001

Steven,

We would not be able to accept those parts.

Thanks,

Nick Whitaker
Lead Sustaining Engineer

SIMPLEX a company of
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T 1 503 280-4475
1 800 556-4166
www.dartaerospace.com



From: Steven Drouin <sdrouin@dartaero.com>
Sent: Monday, September 14, 2020 12:51 PM
To: Nicholas Whitaker <nwhitaker@dartaero.com>
Subject: Pin, struct Mount 500-302051-001

Hi Nick

We received the following parts (3 x 500-302051-001, see attached picture) there's scratch and dents on each part , I would think this would not be acceptable, I would like to know your point of view .

Steven